

# cross talk

MARCH 1975

NEWS BULLETIN OF TRW AMATEUR RADIO CLUB



Sponsored by Systems Employee Association



WAC  
WAS  
DXCC  
FD'71  
FD'73

## TRW/ARC Field Day 1975 Plans Unfold

President Frank Cartier, WA6RAY, has announced the appointment of Paul Weisz, K6YQ, as Field Day Chairman for 1975.

The kick-off Executive Committee meeting was held at Sala's restaurant, Lawndale. Present were Cartier, Wineman, Sue Kennedy, Gilmore, Halligan, Weisz, and Dews.

Weisz chaired the evening discussions, and announced that Bill Dews, K6AWO, would be his Deputy for Operations on the site this year. It was agreed that TRW/ARC would compete in Class 6A this year (for the last two years, TRW/ARC has been in 5A; and before that TRW/ARC historically always was in Class 6A).

Weisz came well prepared to highlight the needs of the field day staff this coming year, which included a need to emphasize 80 meter ssb/cw operations more this year, and to maintain a 24 hour capability in the VHF/UHF spectrum. It was generally agreed by all present that the 1975 Field Day event be classified as a "fun" activity for all members....as long as we win!!

Executive action by the committee included a \$155 funding for this June's contest,



K6YQ - Chairman



K6AWO - Deputy

## TRW/ARC Saturday Morning Nets 10AM LT

Primary	7.280 MHz
Secondary	3.980 MHz
Novice	7.140 MHz
Simplex*	147.510 MHz

\* ANY time!!

## Field Day 1975 (Continued)

funding for a VHF Heath VSWR Meter (Note: This meter will be available on a loan basis to those members wishing to check their 2 Meter equipment), and voted to fund the expenses of the meeting.

Paul Weisz: Paul, K6YQ, is the fourth to assume the role of Field Day Chairman since TRW/ARC began participating in the annual ARRL contest beginning in 1968. Those that have chaired the activity before Paul were Doug Freeman, W6NHX, Doug Heydon, WB6WDS, and Bill Dews, K6AWO.

Paul is past-president of TRW/ARC and was instrumental in the development of the club training program for radio amateur enthusiasts; he is active on low band CW/SSB.

Bill Dews: Bill, K6AWO, has participated in every TRW/ARC Field Day Contest since 1968. Although born in Oakland, Bill considers himself a native of Southern California, having lived in the Torrance/Inglewood/Hawthorne area since 1935.

Bill has held a license 22 years, and has been with TRW 9 years. Prior to that, he worked for FAA 5 years at LAX, radar maintenance for the control tower. He operates low bands with Swan 350/240, and for VHF uses a Swan 250, and Tempo FMV2's on two meters (he is anxiously awaiting his new IC22A). He has three children (grown), two of whom are WA6IEZ and WA6FFU. Bill and his YF (Alice) are looking forward to a new QTH in Redondo Beach shortly.

\*\*\* MEETING REMINDER \*\*\* R2-1055

Always the last Wednesday at noon

Subject: QSL Bureau Activities/Sort

Speaker: Doug Freeman, W6NHX

Secretary's Report

By O. W. Saunders, W6OIC

The Executive Board Meeting was called to order at 1215 on January 1975. Present were Cartier, Wineman, Saunders, Kennedy, Halligan, Freeman, Gilmore and Dews.

Announcements:

- o Slides of OSCAR 6 & 7 are now available from AMSAT for \$1.00/set. Details will be included in Crosstalk.

Old Business

- o Freeman is handling the procurement of QSL cards for Tom Christian (VR6TC). He is looking into several potential sources for the cards.
- o No shipment of QSL's for sorting and distribution has been received from the Lockheed ARC for over 1½ months. Freeman will check.
- o The W6TRW appears in the 1975 Callbook in bold face type. The WB6WPO listing now references W6TRW.

New Business

- o A suggestion was made that a new location for the regular monthly meetings be found. As an alternative, Wineman will check to see if the regular R2 meeting room can be reserved on a yearly basis.
- o The training program now has approximately 10 students. The possibility of conducting a once yearly training program at a public building location and at a more convenient class time was discussed. This will be pursued in more detail if interest warrants.
- o Wineman asked about procurement of embroidered patches bearing the club logo. Freeman indicated that the minimum order for patches was around \$200 but he would get some cost estimates.
- o Halligan will investigate using TRW Mail Services' new distribution service for clubs for the Crosstalk and other club materials.
- o The purchase of 1975 Callbooks was authorized.
- o Gilmore suggested that a club swapmeet be held. A tentative date of April has been set.

Meeting was adjourned at 1315.

TRW/ARC's Youngest Member

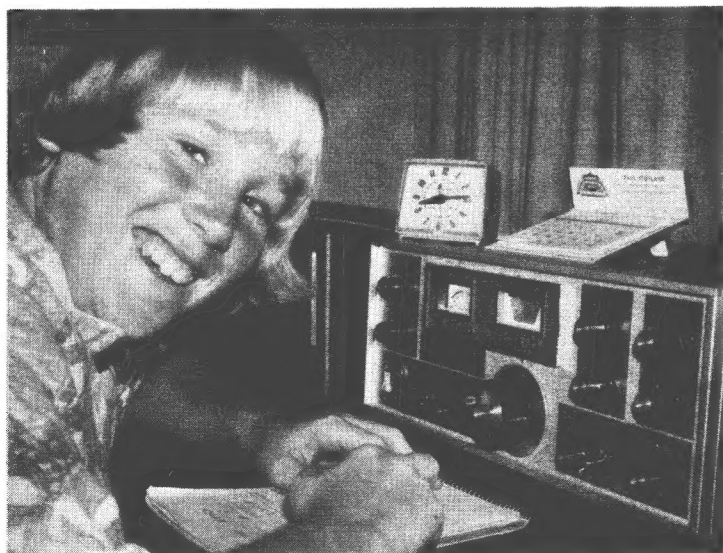
Last month's CrossTalk featured TRW/ARC's oldest member, K6UDI, and so this month is featured TRW/ARC's youngest member, Dave Buker, WN6HEU. Dave is 13 years young this month, and has had his novice ticket since last September.

Dave lives in Torrance, Calif., and attends Victor Elementary School, where he is a 7th Grader. Dave says that he has been interested in radio communications since the day he was tall enough to turn the knobs on the TV set, and as the photo below depicts, he has plenty of knobs to turn on his FTdx560.

Besides amateur radio, he is an avid sports enthusiast, and is on the Rams Soccer Team playing in league competition (AYSO - American Youth Soccer Organization). His team is presently in 1st place, and may be playing soon in the finals in San Francisco.

Dave started his studies in amateur radio about one year ago, under the tutorage of a neighbor who is an amateur radio operator. That radio operator is Frank Halligan, W6RLN. Frank indicates that student - Dave was like a "sponge" when it came to radio theory, practices, and the international code. If you ever run across Dave in the Novice bands, be prepared for some 17wpm QSOing.

Dave operates the Yaesu on 40, 15, and 10 meters, using a 14AVQ (donated to him by Neal Hudson, WA6VCZ). Since September he has worked 47 states (he's still looking for West Virginia, New Hampshire, and....would you believe....Nevada!!). Dave has worked



TRW/ARC's Youngest -- WN6HEU - Dave Buker

WN6HEU (continued)

about 8 countries so far, including Japan, New Zealand, and the South Americas. Dave indicates that his most unusual QSO's are the crossed-mode ones where he is operating CW to a foreign country whose operators have phone privileges in the American Novice Bands.

Dave has been appointed Team Captain for the Novice Station by Field Day Chairman Paul Weisz, K6YQ. Not only does that make Dave TRW/ARC's youngest Team Captain, but as Paul points out, WN6HEU is TRW/ARC's secret weapon this year for the Novice Station because of Dave's 17 wpm code speed and the fact that Dave has already participated in CW contests on the Novice bands, he is used to the pile-ups and confusion that results in a contest.

Dave reminds the CrossTalk Editor, that although his rig has a 550 Watt capability, he is still able to hold it down to a cool 75 watts until he gets his general license.

### QSL INFORMATION

#### QSL BUREAU OPERATED BY THE SOUTHERN CALIFORNIA COUNCIL OF RADIO CLUBS:

The Southern California Council of Radio Clubs has now taken over the Sixth District QSL Bureau from the Northern California DX Club, effective September 1974. The cards are distributed to participating member clubs according to the first letter of the suffix, each club taking at least one letter of the alphabet for mailing.

The rules for obtaining your QSLs are:

- (1) Have a 5"x7½" s.a.s.e. manila envelope on file with the bureau.
- (2) If you do not desire certain cards or no cards, please notify the bureau in writing.
- (3) If there is no s.a.s.e. on file, cards will be destroyed after six months.

You may receive one post card notifying that QSLs are being held for you. Please respond with a S.A.S.E.

- (4) Envelopes will be returned to you when the envelope is full (5 or 6 cards) or after 90 days, whichever comes first.

So, when you get your s.a.s.e. back send the bureau another one.

The Editor's Column

de W6RLN

Carson Amateur Radio Club announces that their next club meeting will be April 7th, at 8PM (always the 1st Monday of the month) at 22102 S. Main St in Carson. Art Reynolds, WA6PQY, is going to show off his circular Quad, based on a design by Fred Reed, W6UMC.

TRW/ARC Name/Call ID's are still available for \$1.25 each. Now's the time to prepare for field day...make sure your friends have your call right. Send checks to TRW/ARC Treasurer, Sue Kennedy, R2-1194.

10th Annual Burbank Hamfest, sponsored by Lockheed Amateur Radio Club & W6LS. To be held on May 17 & 18, order your \$2.00 ticket now from W6LS, 2814 Empire Avenue, Burbank, Calif 91504.

TRW/ARC QSL Bureau still needs steady sorters three times a month. Contact Doug Freeman, W6NHX, for details.

TRW/ARC Meeting Attendance:

January: 42      February: 28

Quotable Quotes:

There are three ingredients in the good life: learning, earning and yearning--Christopher Morley.

Knowledge is of two kinds. We know a subject ourselves, or we know where we can find information upon it--Samuel Johnson.

Basic research is what I'm doing when I don't know what I'm doing--Wernher von Braun.

Club Stations (Bldg 65/M1) are showing a new low in activity, e.g., the following operators have logged W6TRW in Bldg 65 during all of 1975: K6SSN, K6DLO, WB6KVE, and W6RLN. Have you some ideas on how to revitalize W6TRW? Write Dews,

Bldg 87, RM 1514

For Sale: Tri-Bander 10-15-20 (\$30), Swan 240/P.S. (\$160), or make offer/deal. Contact: Bill Dews, K6AWO, Office: 53-51994, Home: 675-8608

QST's 'How Restructuring Affects You

(Have you written your comments yet!)

The FCC proposals should primarily be evaluated as to their overall impact on the Amateur Radio Service. But it is certainly of direct, personal interest to each present licensee to know how his or her own activities might be affected. Accordingly, we present such a summary:

**Amateur Extra Class:** Would convert to "Extra Class" (without the word "Amateur"). Retains all privileges, including exclusive cw segments, but would have to share with Advanced the present exclusive voice segments. Lifetime operator license. New power limit of 2 kW PEP output.

**Advanced Class:** Would convert to same class and also to new Experimenter grade without examination. Net effect is to retain all present privileges plus gain use of current exclusive Extra voice bands, and the 2 kW PEP output limit.

**General Class:** Would convert to same class, and also to the Technician grade without examination. Net effect is to retain most present privileges, but lose use of 29.0-29.7 MHz and be limited to A1, A3 and F3 emissions. New power limit of 500 watts PEP output. Could no longer be principal supervisors of mail examinations, nor the trustee of any club station nor of any repeater, control, auxiliary link or space station.





**Conditional Class:** Would convert to General(C) Class, and also receive the new Technician(C) grade without examination. Thus the same situation as just described for General, except license would not be renewable.

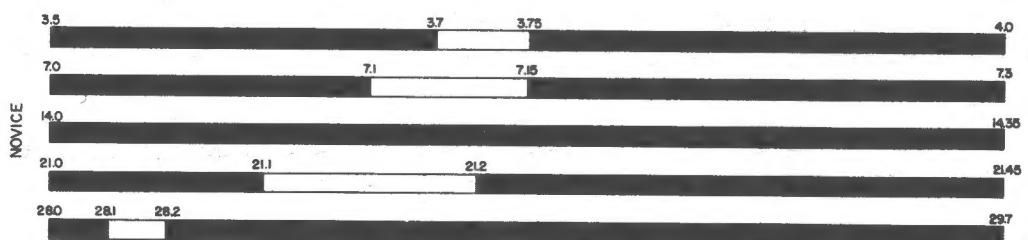
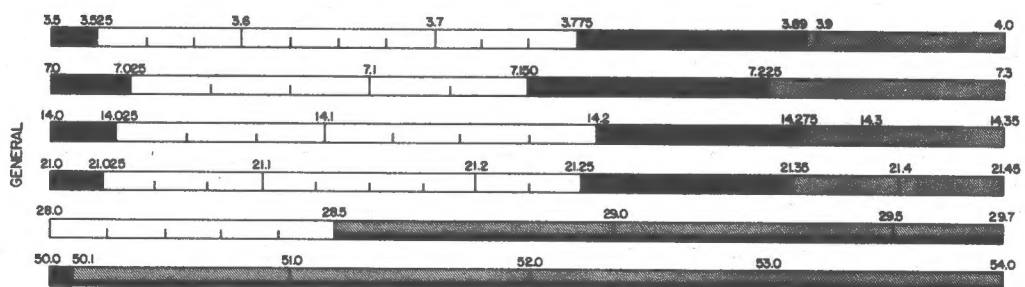
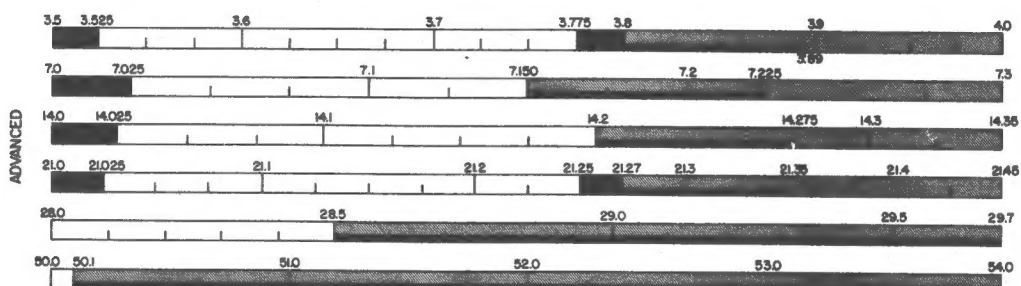
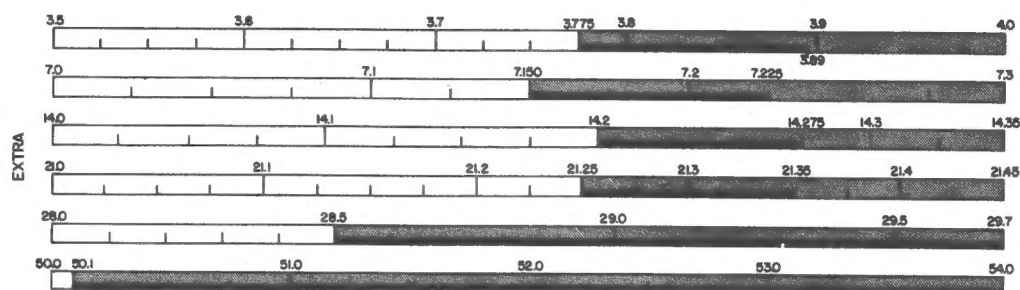
**Technician Class:** Most present licensees attained tickets through the mail exam system and are thus really Technician(C) Class, which would become not renewable. Technicians who took an FCC-supervised exam could renew. In the transition, both would be granted (on application) all Novice privileges without further examination, and either Technician or Technician(C) as appropriate. In the vhf area this would permit 500 watts PEP output with only A1, A3 and F3 emissions (parallel to General Class) where authorized in all bands above 50 MHz. Thus 50.0-50.1 and 144-145 MHz would be newly available. Club and special station trusteeships not permitted, as mentioned for the General Class.

**Novice Class:** Becomes a five-year renewable license. Application fee required. Same privileges except a new 250-watt input limit.

# revised U.S. amateur FREQUENCY ALLOCATIONS

effective November 22, 1972

CW   
 PHONE   
 SSTV   
 NOT AVAILABLE 





# PUBLIC NOTICE

Federal Communications Commission - 1919 M Street, NW. - Washington, D.C. 20554



For recorded listing of releases and texts call 632-0002

COMMISSION DEFERS ACTION ON CLASS E PROPOSAL  
(DOCKET 19759)

March 6, 1975 - S  
FCC 75-280  
30610

On June 6, 1973, the Commission adopted a Notice of Inquiry and Notice of Proposed Rule Making in Docket 19759 looking toward the reallocation of the 224-225 MHz band to the Citizens Radio Service for the creation of a new Class E category station. The band 220-225 MHz is now allocated for shared use by stations in the Government Radiolocation Service and the Amateur Radio Service. The time for filing original and reply comments in this proceeding expired on October 19, 1973 and November 3, 1973, respectively. By letter dated December 27, 1974, the Acting Director of the Office of Telecommunications Policy urged, "that every consideration be given to expeditious action on this matter by the Commission."

The Commission on July 23, 1974, adopted a Notice of Proposed Rule Making in Docket 20120, which proposed to more than double the radio spectrum space allocated to Class D stations in the Citizens Radio Service and reregulate some of the operating rules applicable to that class of station. The time for filing original and reply comments in that proceeding is January 30, 1975 and March 14, 1975, respectively.

On December 4, 1974, the Commission adopted a Notice of Proposed Rule Making in Docket 20282 which proposed the restructuring of the various classes of amateur radio operator licenses to, among other things, create a new Communicator Class of license which would not require a code examination and would have operating privileges in the 220-225 MHz band. The time for filing original and reply comments in that proceeding is June 16, 1975 and July 16, 1975, respectively.

The Commission believes that these three rule making proceedings (Dockets 19759, 20120 and 20282) all involve related issues. Principal among these are the amount and location of spectrum space that should be allocated to meet the personal and business radio communication needs of the general public. In addition, we believe further discussions with Canada are needed relative to Class E frequencies along our border. Accordingly, we will defer action on Docket 19759 until later in 1975 to permit us to fully develop the requirements and alternative solutions we feel are needed. We are fully aware of the importance of the issues in Docket 19759 and it is our firm intention to conclude this proceeding as promptly as possible.

It should also be noted that the Commission on February 5, 1975 adopted a Notice of Proposed Rule Making in Docket 20351 proposing a requirement that most stations licensed in the Safety and Special Radio Services be fitted with an Automatic Transmitter Identification System (ATIS). It may well be, depending on the outcome of that proceeding, that the initiation of any new service of the potential size and regulatory complexity of the proposed Class E service will need to incorporate ATIS from its inception.

Action by the Commission March 6, 1975. Commissioners Wiley (Chairman), Lee, Reid, Hooks, Quello, Washburn and Robinson.